

FIG. 1A

**FIG. 1B**

The diagram illustrates a network system 100. On the left, a block labeled 122 (CARRIER C) is connected to a dashed box 100. Inside this dashed box are three blocks labeled 100A, 100B, and 100C, each labeled "CONNECTING NETWORK". These three blocks are interconnected and also connected to a central block 102. Block 102 is a large rectangle containing a "CONTROLLER" (102D), "MEMORY" (102E), "SWITCH" (102C), and two "I/F" (102A and 102B) blocks. The "CONTROLLER" and "MEMORY" are connected to the "SWITCH". The "SWITCH" is connected to the two "I/F" blocks. Block 102 is connected to a block 112 on the right. Block 112 is a large rectangle containing a "CONTROLLER" (112D), "MEMORY" (112E), "SWITCH" (112C), and two "I/F" (112A and 112B) blocks. The "CONTROLLER" and "MEMORY" are connected to the "SWITCH". The "SWITCH" is connected to the two "I/F" blocks. Block 112 is connected to four blocks labeled 155, 156, 157, and 158, each labeled "BS".

FIG. 2

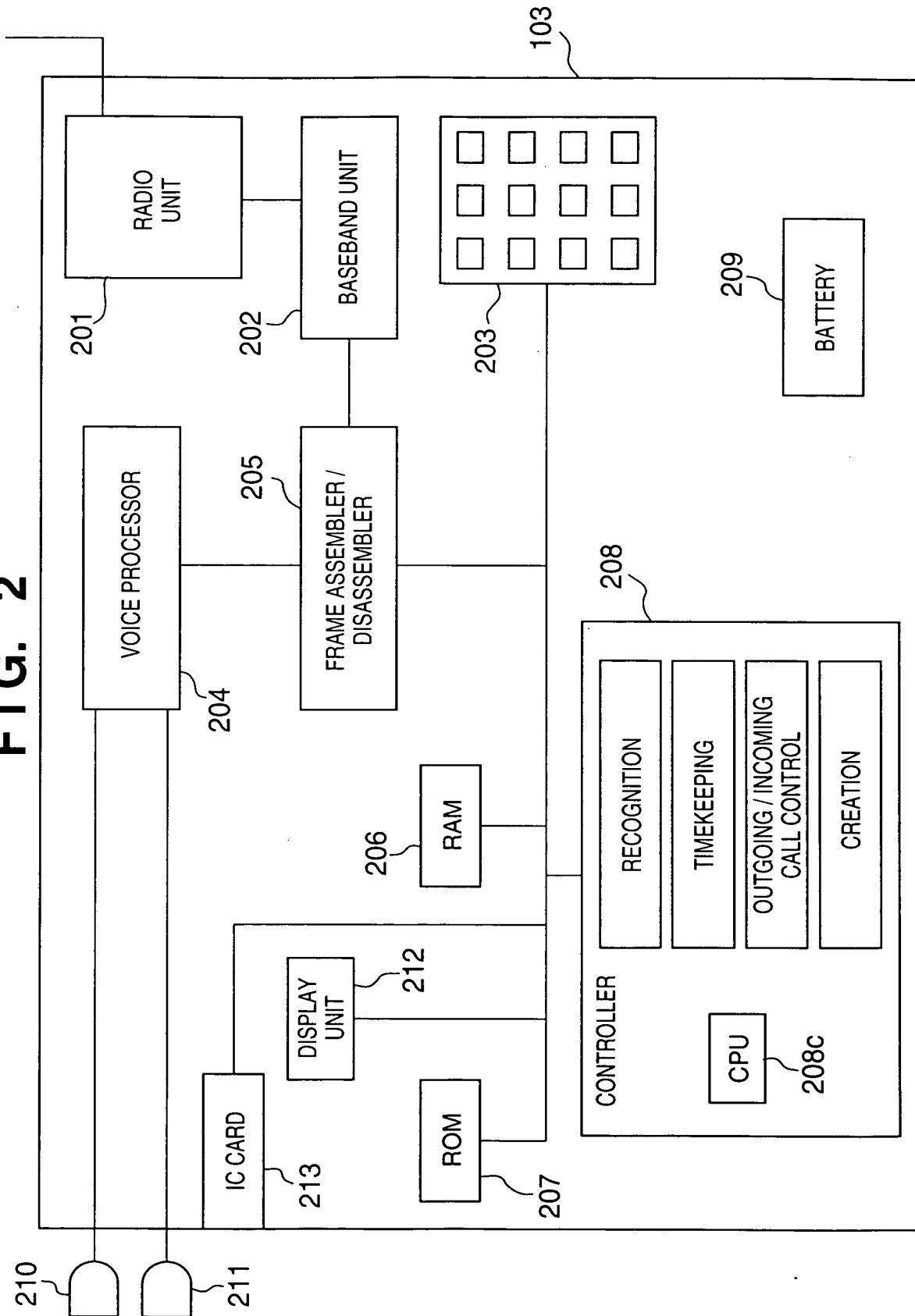


FIG. 3

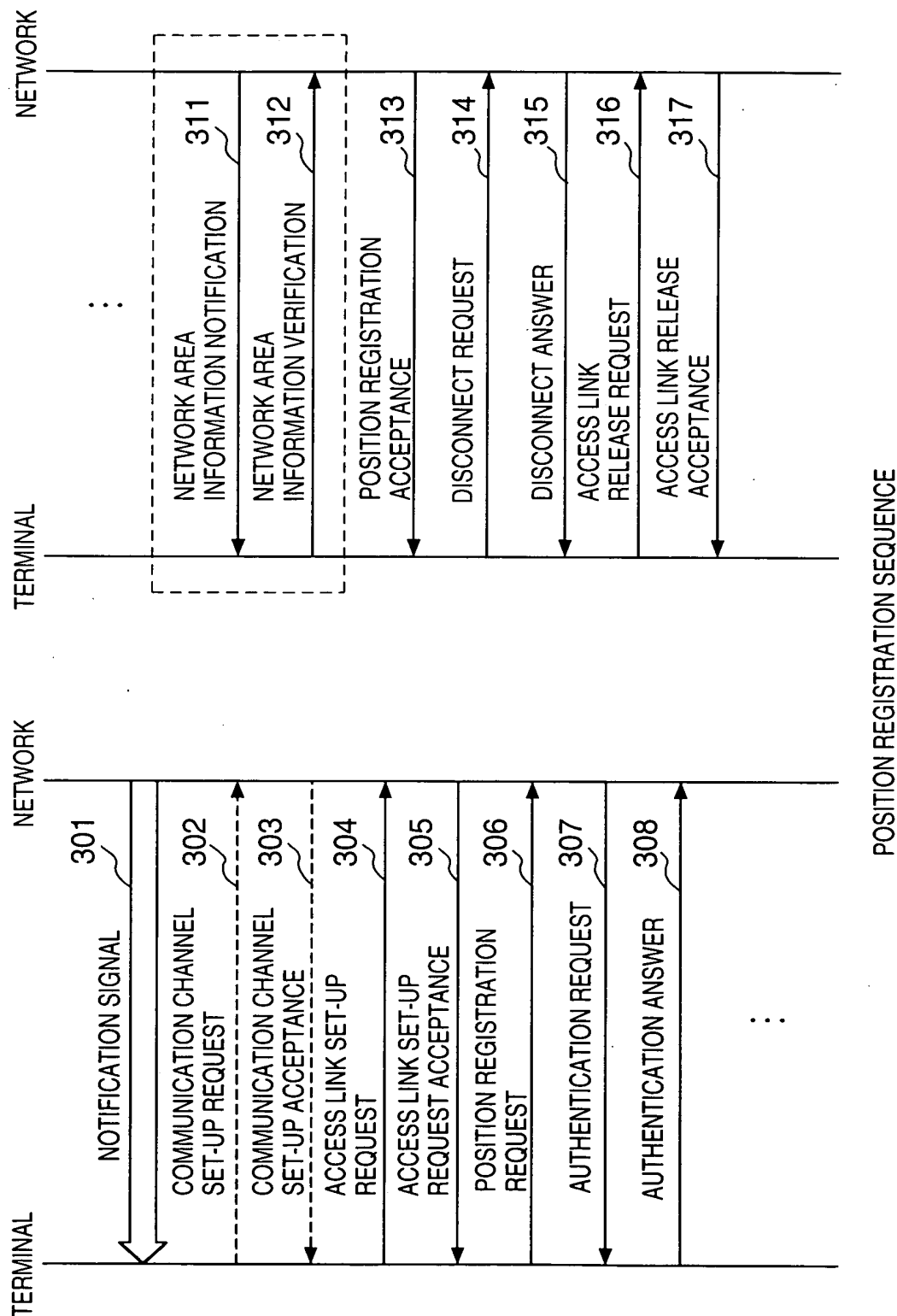


FIG. 4

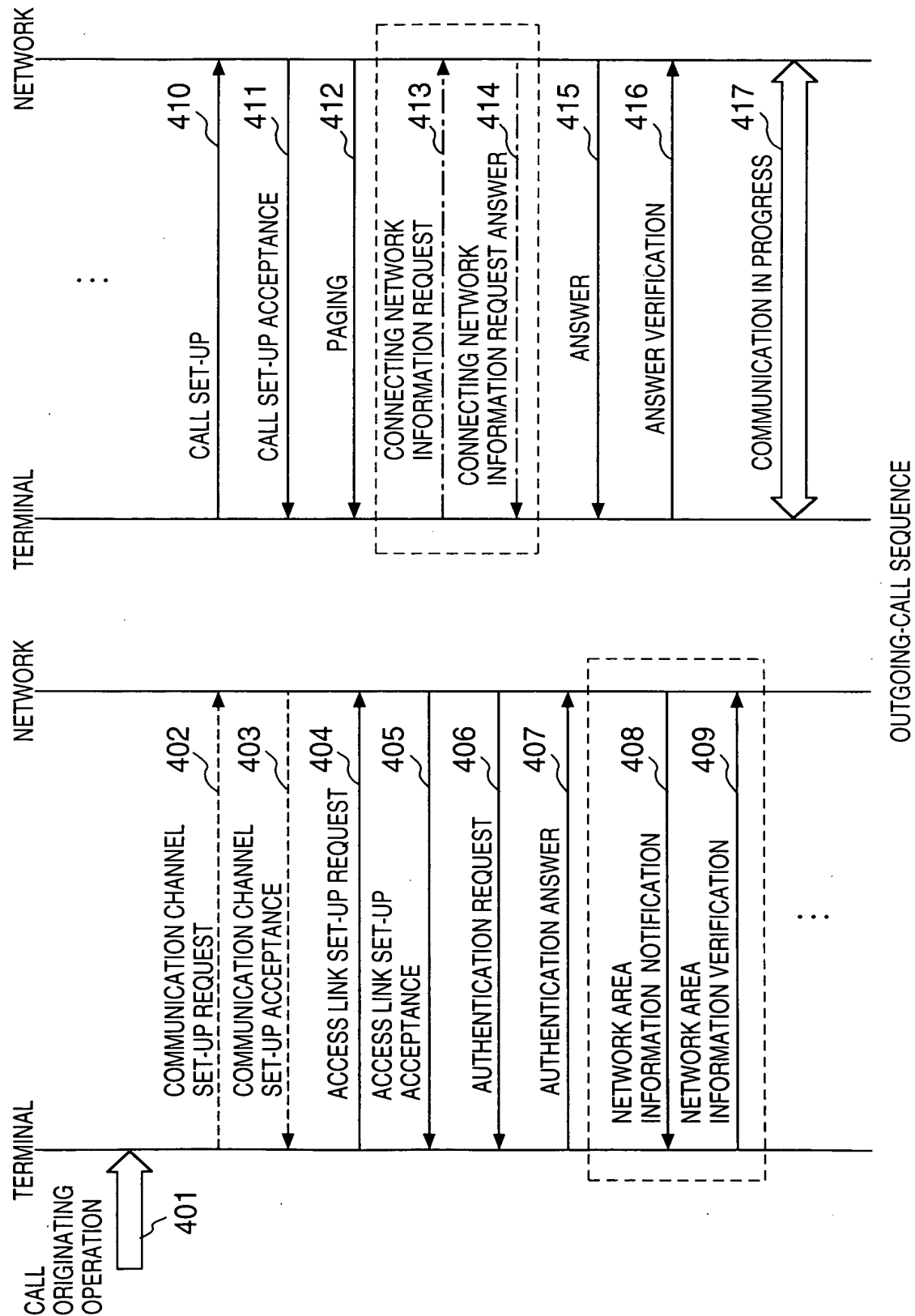
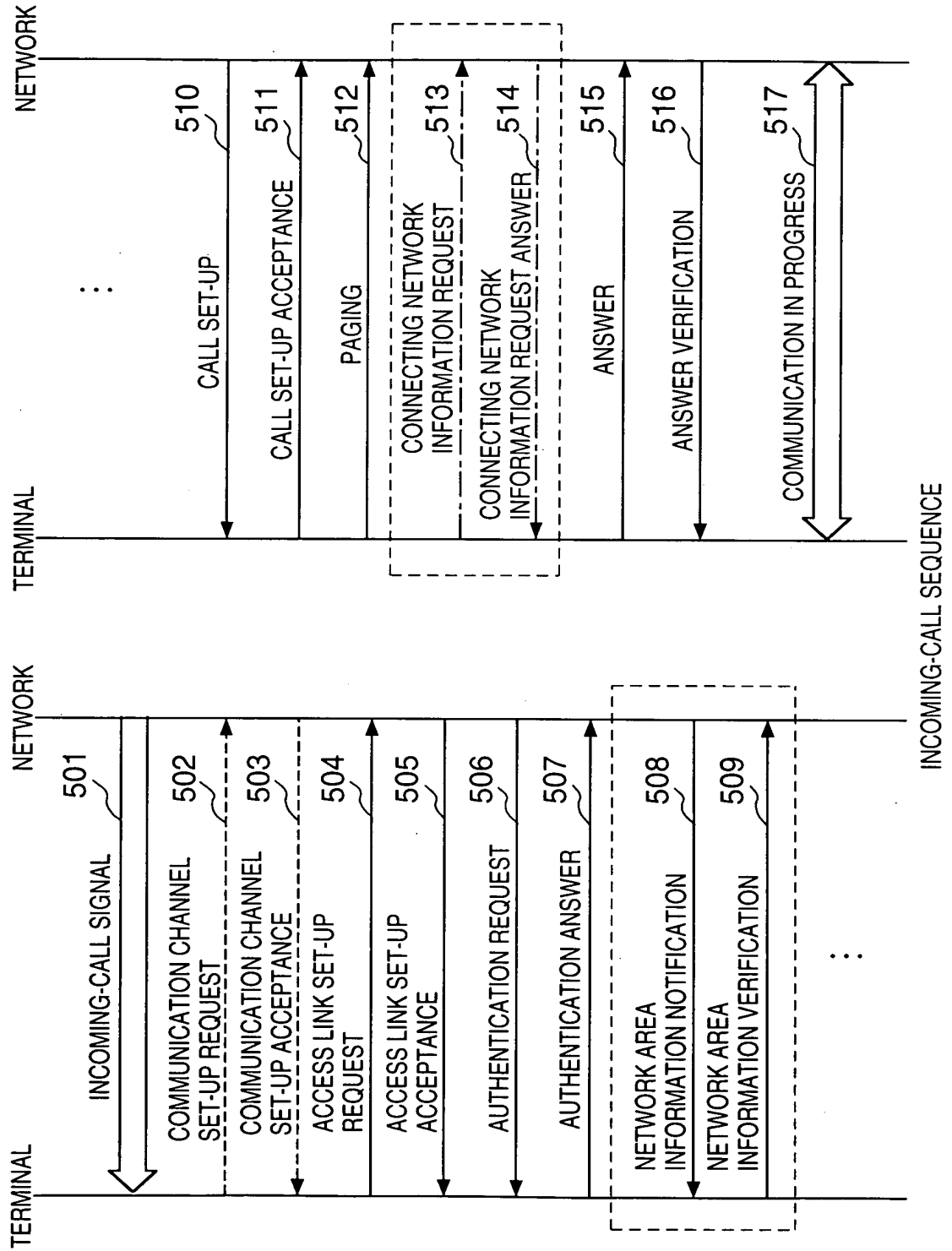


FIG. 5



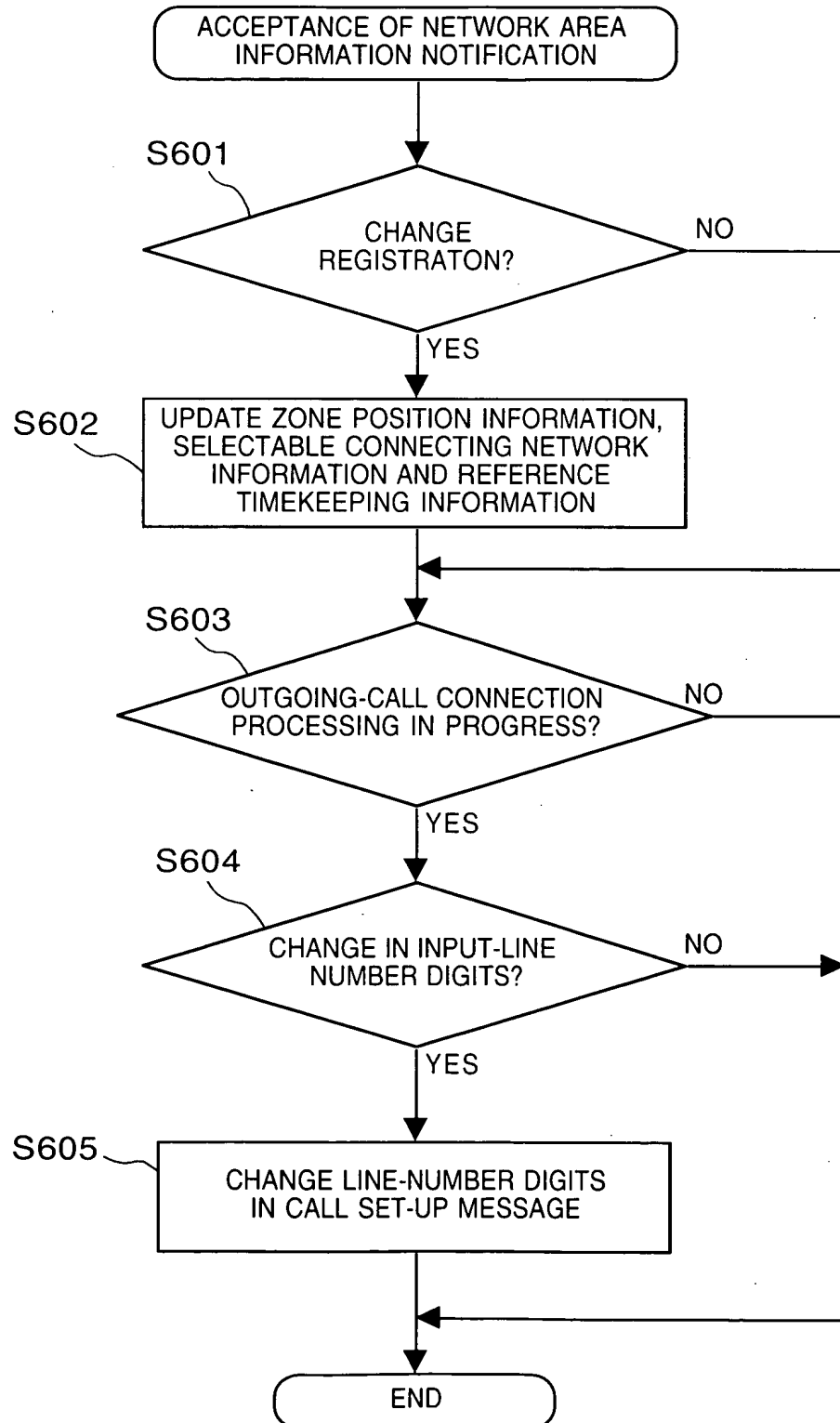
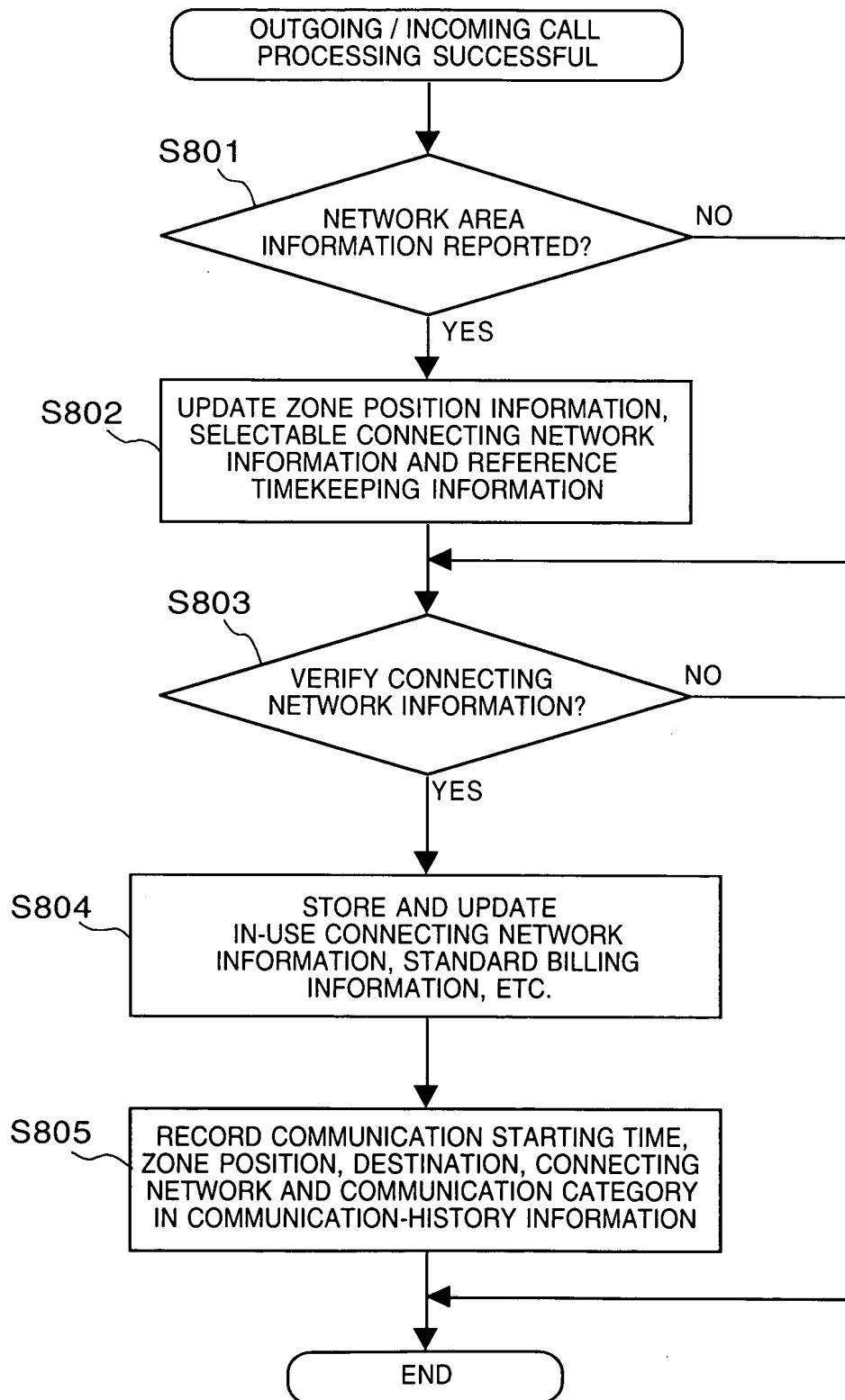
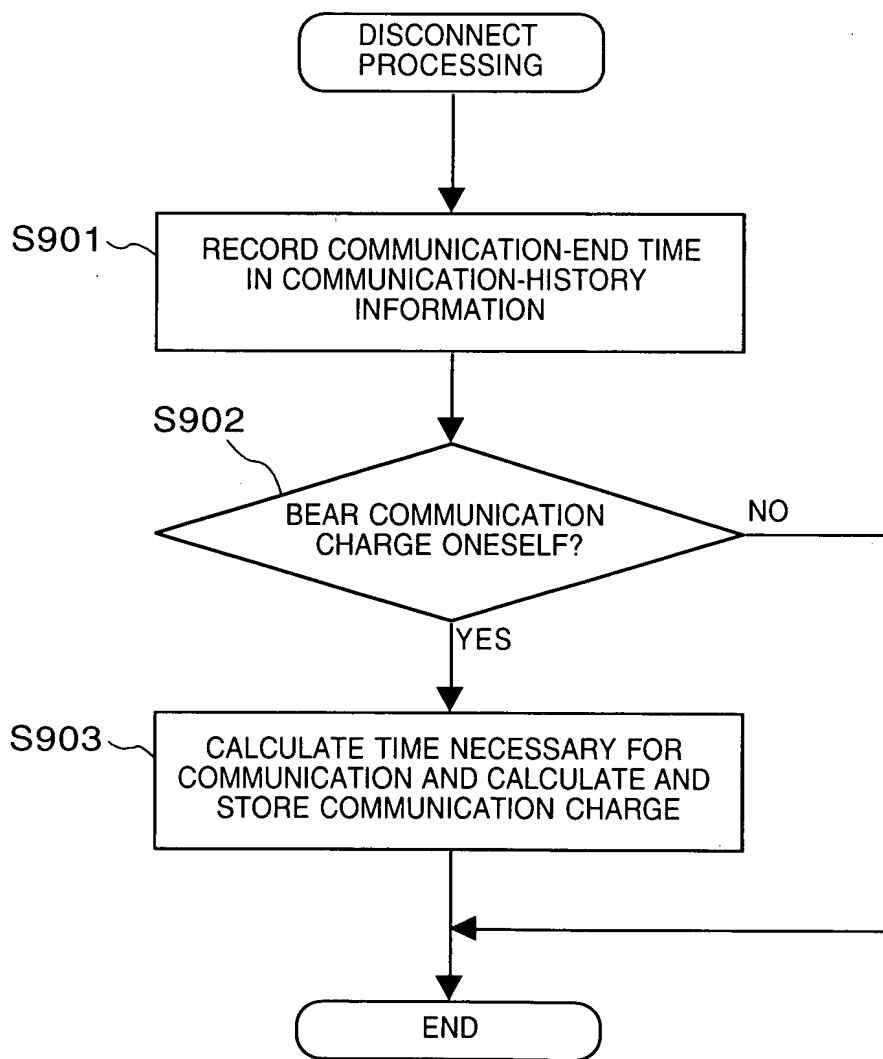
**FIG. 6**

FIG. 7

START OF COMMUNICATION	END OF COMMUNICATION	ZONE POSITION	DESTINATION	CONNECTING NETWORK	COMMUNICATION CATEGORY	COMMUNICATION CHARGE
1999/10/10 11:11:21 (JST)	1999/10/10 11:18:45 (JST)	AREA OF MOBILE CARRIER A1 (COUNTRY a)	SUBSCRIBER TERMINAL OF MOBILE CARRIER C1 (COUNTRY a) 080-XXX-XXXX	DOMESTIC CONNECTING CARRIER A1	OUTGOING CALL	380 YEN
1999/10/10 12:15:36 (JST)	1999/10/10 12:19:46 (JST)	AREA OF MOBILE CARRIER A1 (COUNTRY a)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	DOMESTIC CONNECTING CARRIER B1	INCOMING CALL (COLLECT)	280 YEN
1999/10/10 12:19:47 (JST)	1999/10/10 12:22:32 (JST)	AREA OF MOBILE CARRIER A2 (COUNTRY a)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	DOMESTIC CONNECTING CARRIER B1	INCOMING CALL (COLLECT)	230 YEN
1999/10/10 14:11:51 (JST)	1999/10/10 14:18:25 (JST)	AREA OF MOBILE CARRIER A2 (COUNTRY a)	SUBSCRIBER TERMINAL OF MOBILE CARRIER A2 (COUNTRY a) 080-XXX-XXXX	NOT SPECIFIED	OUTGOING CALL (COLLECT)	—
1999/10/11 12:11:31 (GMT)	1999/10/11 12:18:25 (GMT)	AREA OF MOBILE CARRIER B1 (COUNTRY b)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	—	INCOMING CALL	—
1999/10/11 12:21:41 (GMT)	1999/10/11 12:28:25 (GMT)	AREA OF MOBILE CARRIER B1 (COUNTRY b)	STATIONARY TERMINAL OF STATIONARY CARRIER A1 (COUNTRY a) 045-XXX-XXXX	DOMESTIC CONNECTING CARRIER C1 INTERNATIONAL CONNECTING CARRIER A1	OUTGOING CALL	1200 YEN



**FIG. 8**

**FIG. 9**

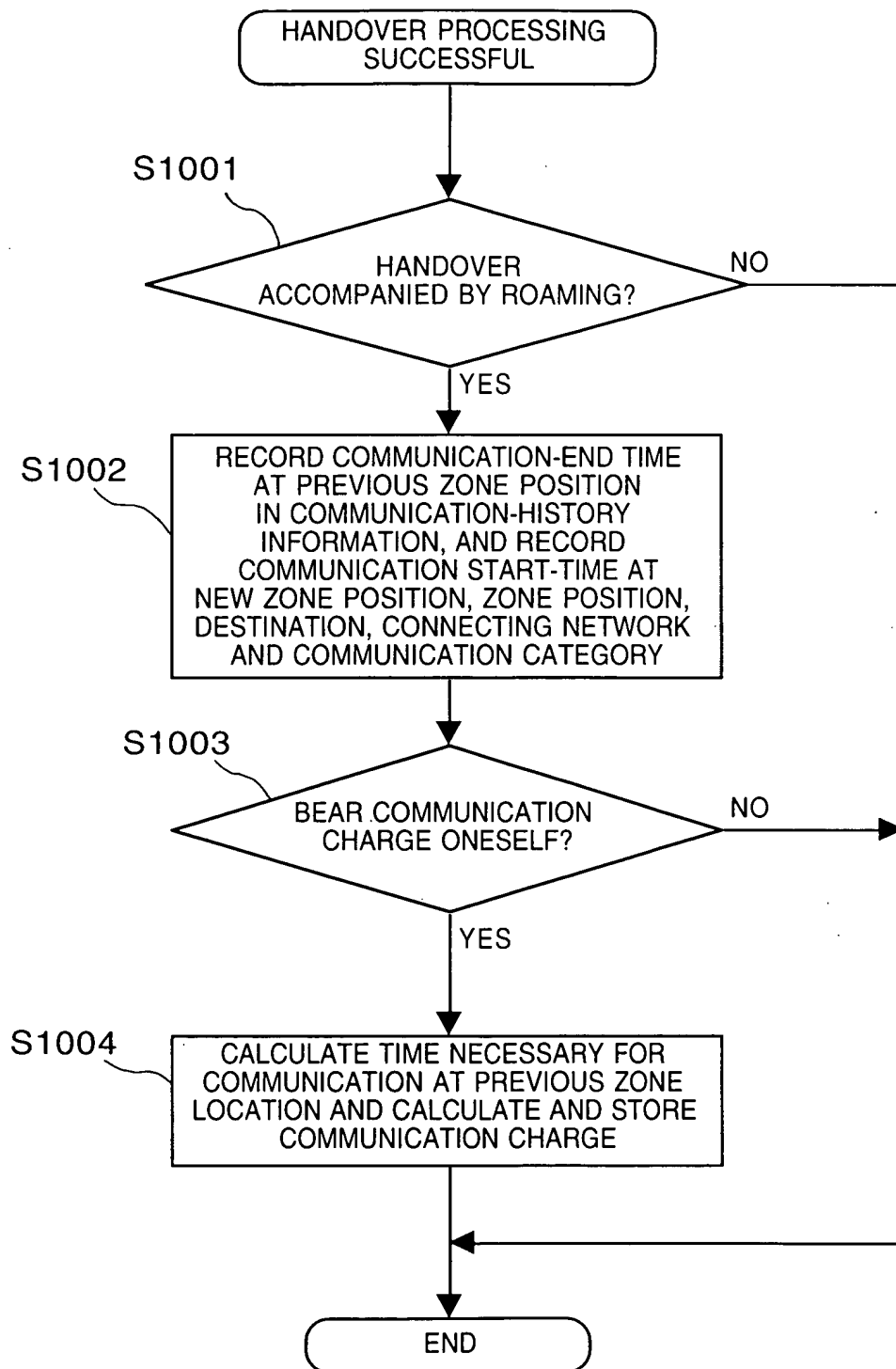


FIG. 11

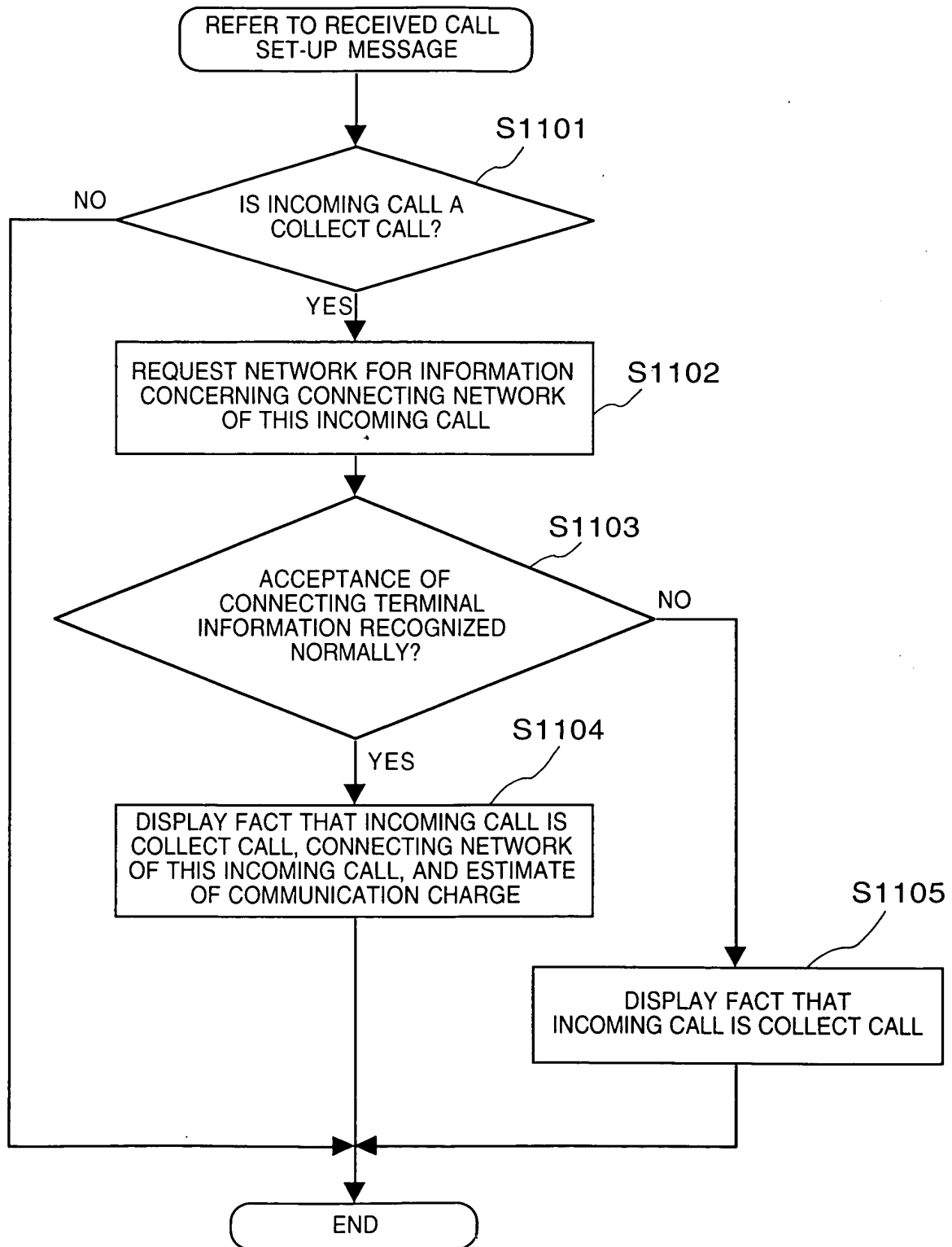


FIG. 12

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DIRECTORY INFORMATION
PROGRAM MODULE OF PROCESSING (FIG. 6) FOR ACCEPTING NOTIFICATION OF NETWORK AREA INFORMATION
PROGRAM MODULE OF PROCESSING (FIG. 8) AT SUCCESS OF OUTGOING / INCOMING CALL PROCESSING
PROGRAM MODULE OF PROCESSING (FIG. 9) FOR DISCONNECT
PROGRAM MODULE OF PROCESSING (FIG. 10) AT SUCCESS OF HANDOVER PROCESSING
PROGRAM MODULE OF PROCESSING (FIG. 11) FOR REFERRING TO RECEIVED CALL SET-UP MESSAGE
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